

RESULT 1
 ABP29047
 ID ABP29047 standard; Protein; 762 AA.
 AC ABP29047;
 XX
 DT 02-JUL-2002 (first entry)
 XX
 DE Streptococcus polyptide SEQ ID NO 7270.
 XX
 KW Streptococcus; GAS; GBS; group B streptococcus; Streptococcus agalactiae;
 KW group A streptococcus; Streptococcus pyogenes; antibacterial;
 XX antinflammatory; infection; vaccine; meningitis; gene therapy.
 XX
 OS Streptococcus pyogenes;
 XX
 PN MO2003A71-1-2;
 XX
 PD 02-MAY-2002
 XX
 PE 29-OCT-2001; 2001MO-GB04789.
 XX
 XX 27-OCT-2000; 2000GB-002633.
 PR 24-NOV-2000; 2000GB-0028727.
 PR 07-MAR-2001; 2001GB-0005640.
 XX
 PA (CHIR-) CHIRON SPA.
 PA (GENO-) INST GENOMIC RES.
 XX
 PI Telford J, Maignani V, Margarit Ros YI, Grandi G, Fraser C;
 PI Tettein H;
 XX

DR MPI: 2002-352536/38.
 DR N-PSDB: ABR69678.
 XX New Streptococcus protein for the treatment or prevention of infection
 PT or disease caused by Streptococcus bacteria, such as meningitis, and
 PT for detecting a compound that binds to the protein -
 PS Claim 1: Page 3879; 4525pp; English.
 XX
 CC The invention relates to a protein (ABP25413-ABP30895) from group B
 CC Streptococcus/GBS (Streptococcus agalactiae) or group A streptococcus/GAS
 CC (Streptococcus pyogenes), comprising one of 5483 sequences (S1), given in
 CC the specification. The proteins have antibacterial and antiinflammatory
 CC activity. (I), nucleic acids encoding (I), ABR6044-ABN71526 and
 CC antibodies that bind (I) are used in the manufacture of medicaments for
 CC the treatment or prevention of infection or disease caused by
 CC Streptococcus bacteria, particularly S. agalactiae and S. pyogenes.
 CC Nucleic acids encoding (I) are used to detect Streptococcus in a
 CC biological sample. (I) is used to determine whether a compound binds to
 CC (I). A composition comprising (I) or a nucleic acid encoding (I), may be
 CC used as a vaccine or diagnostic composition. The disease caused by
 CC Streptococcus that is prevented or treated may be meningitis. Nucleic
 CC acid encoding (I) may be used to recombinantly produce (I) and may be
 CC used in gene therapy. Antibodies to (I) are used for affinity
 CC chromatography, immunoassays, and distinguishing/identifying
 CC Streptococcus proteins.
 XX
 SO Sequence 762 AA:
 Query Match 100.0%; Score 3945; DB 23; Length 762;
 Best Local Similarity 100.0%; Pred. No. 2,4e-285;
 Matches 757; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 601 PTHNLTRKTYTGAGRTDFHFEIELKNNKQELLSQYTKTDKTNLEFDGKATYTLK 660
 DB 606 PTHNLTRKTYTGAGRTDFHFEIELKNNKQELLSQYTKTDKTNLEFDGKATYTLK 665
 QY 661 HGESLTGLDPEGSYLVKENDSGYKVKVNSOEVAANKTVKGTSTSELAFFNNKPV 720
 DB 666 HGESLTGLDPEGSYLVKENDSGYKVKVNSOEVAANKTVKGTSTSELAFFNNKPV 725
 QY 721 VPTGVQKINGLIALIVAGISLGIWGIHTIRIRKHD 757
 DB 726 VPTGVQKINGLIALIVAGISLGIWGIHTIRIRKHD 762
 RESULT 2
 ABR29050
 ID ABR29050 standard; Protein; 340 AA.
 XX
 AC ABR29050;
 XX
 DT 02-JUL-2002 (first entry)
 XX
 DE Streptococcus polypeptide SEQ ID NO 726.
 XX
 KM Streptococcus; GAS; GBS; group B streptococcus; Streptococcus agalactiae;
 KM group A streptococcus; Streptococcus pyogenes; antibacterial;
 KM antiinflammatory; infection; vaccine; meningitis; gene therapy.
 XX
 OS Streptococcus pyogenes.
 XX
 PN WO200234771-A2.
 PD 02-MAY-2002.
 PF 29-OCT-2001; 2001WO-GB04789.
 PE 27-OCT-2000; 2000GB-0026333.
 PR 24-NOV-2000; 2000GB-0028727.
 PR 07-MAR-2001; 2001GB-0005640.
 XX
 PA (CHIR-) CHIRON SPA.
 PA (GENO-) INST GENOMIC RES.
 PI Telford J, Masignani V, Margarit Ros YI, Grandi G, Fraser C;
 PI Tettelin H;
 XX
 DR MPI: 2002-352536/38;
 DR N-PSDB: ABR69681.
 XX
 PT New Streptococcus protein for the treatment or prevention of infection
 PT or disease caused by Streptococcus bacteria, such as meningitis, and
 PT for detecting a compound that binds to the protein -
 PS Claim 1: Page 3880; 4525pp; English.
 XX
 CC The invention relates to a protein (ABP25413-ABP30895) from group B
 CC Streptococcus/GBS (Streptococcus agalactiae) or group A streptococcus/GAS
 CC (Streptococcus pyogenes), comprising one of 5483 sequences (S1), given in
 CC the specification. The proteins have antibacterial and antiinflammatory
 CC activity. (I), nucleic acids encoding (I), ABR6044-ABN71526 and
 CC antibodies that bind (I) are used in the manufacture of medicaments for
 CC the treatment or prevention of infection or disease caused by
 CC Streptococcus bacteria, particularly S. agalactiae and S. pyogenes.
 CC Nucleic acids encoding (I) are used to detect Streptococcus in a
 CC biological sample. (I) is used to determine whether a compound binds to
 CC (I). A composition comprising (I) or a nucleic acid encoding (I), may be
 CC used as a vaccine or diagnostic composition. The disease caused by
 CC Streptococcus that is prevented or treated may be meningitis. Nucleic
 CC acid encoding (I) may be used to recombinantly produce (I) and may be
 CC used in gene therapy. Antibodies to (I) are used for affinity
 CC chromatography, immunoassays, and distinguishing/identifying
 CC Streptococcus proteins.
 XX
 SO Sequence 340 AA;

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